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				JC18 Rec'd PCT PTO 27 MPP PTO SEROS A & B (06-0				
Substitute for Form 144	19 A & B/PTO RMATION	DISCI OS		Application Number	National Stage of PCT/JP2004/000652			
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Ć.a.)	First Named Inventor	Masanori ABE			
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				Examiner Name				
Sheet	1	of	1	Attorney Docket Number	Q88793			

	•		U.S.	PATENT DOCUM	ENTS
		Document N	lumber		
	Cite No.1	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			
		US			
		US	1		
Ī		US			
		US	1		

Examiner Cite		Foreiga Patent Document			Publication Date	N. CD.	
Initials* No.	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶	
803		WO	96/27694	Α	09/12/1996	TOCALO CO., LTD.	
		JP	2001-158954	A	06/12/2001	NIPPON STEEL HARDFACING CO., LTD.	
		JP	2-282460	Α	11/20/1990	NKK CORP.	
		JP	62-128386	U	08/14/1987	SEIKO INSTRUMENTS INC.	
		JP	52-150342	A	12/14/1977	TOKYO SHIBAURA ELECTRIC CO., LTD.	
		JP	59-69443	A	04/19/1984	DIRECTOR GENERAL OF NATIONAL INSTITUTE FOR RD TECHNOLOGY AGENCY	
		JP	56-129632	A	09/10/1981	DIRECTOR GENERAL OF NATIONAL INSTITUTE FOR RD TECHNOLOGY AGENCY	
V		JP	58-60640	Α	04/11/1983	HOYA GLASS WORKS, LTD.	
303		JP	7-197276	Α	08/01/1995	FUJIKURA LTD.	<u> </u>

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.					
TY I		INTERNATIONAL SEARCH REPORT dated MAY 11, 2004					
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